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DEFENSE INTELLIGENCE AGENCY
WASHINGTON, D.C. 20301

AUG 1969
MCGWG-D-16

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MEMORANDUM FOR THE CHAIRMAN, COMIREX

SUBJECT: Planning for USIB-COMIREX Activities Involving MC&G Matters

1. In line with our recent discussion, this memo will serve to identify present planning for MC&G matters that will involve review and appropriate action by USIB-COMIREX committees.

2. Major matters expected to result in USIB-COMIREX actions are set forth below with brief description.

a. Worldwide Positioning Requirements:

This involves a modification of the DOD requirement statement toward tighter accuracies, increasing the number of KH-4B systems with the Doppler beacon,

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b. Increased KH-4 Coverage to Support Stereo Map Chart Production:

A shift is now underway for the DOD stereophotogrammetric capability for production of medium scale maps and charts to areas outside the Sino-Soviet. TOPOCOM and ACIC have conducted feasibility analyses involving the use of existing satellite photography. Serious problems are presented because of gaps in coverage and re-evaluations in light of the stringent requirements of stereo compilation. A case will be presented which recognizes that many of the data bank objectives established four years ago have been met but that a concerted effort is needed to fill gaps and provide limited recoverage by KH-4 photography in areas where stereo-mapping production is actually underway. This will consist of both a briefing and a proposed USIB-COMIREX paper.

c. Summary of MC&G Collection Requirements Prior to Implementation

DIA review(s) completed.

NRO review(s) completed.

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d. Requirements, Program and Budget System and Activities Pertinent to Mapping, Charting and Geodesy:

There is no clear cut system for yearly or 5 year planning with respect to identifying requirements and reviewing NRO proposals for programs on an annual or 5 year basis. MC&G guidance to NRO has not been well formulated and has only been generated in a limited after thought manner. There is a need to establish a system keyed to financial planning of the NRO and then operate within the established system. The lack of such a system has caused numerous examples of failure to fund MC&G requirements in the NRP, and NRO action has been undertaken only by transferring funds out of the DOD MC&G Consolidated Intelligence Program.

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e. MC&G Data from

In response to a USIB-COMIREX request, NRO proposed that

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requirements. It was indicated by NRO that a USIB requirement statement would need to be completed in September 1969 to support MC&G requirements. It now seems that delays involving this system and more comprehensive evaluations from MC&G standpoint currently underway will permit postponing a USIB MC&G requirement statement until next Spring or Summer.

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3. Of the above mentioned items it is anticipated that action will be initiated through the MC&G Working Group on a schedule that will lead to a USIB-COMIREX paper prior to 1 January 1970 for items 2.a., b., c. and d. Items 2.e. and f. are expected to lead to a USIB paper during January to June 1970.

4. In addition to the major items cited above there are a number of minor items that are intended to be undertaken in the MC&G Working Group in the near future; these include:

- a. Implementation date for the [REDACTED]
- b. MC&G applications of satellite color photography.
- c. MC&G requirements for KH-4 mono-panoramic coverage.
- d. Computer handling of MC&G collection requirements.
- e. Sand-glare problem on KH-4 photos of Africa.
- f. Further discussion with NRO as to aiding the collection of optical KH-4 photos of the tropical belt region.
- g. Review of [REDACTED] production at Boston.

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5. Most of the minor items set forth above, together with the Worldwide Positioning Problem involving the Doppler beacon, will be taken up in the next MC&G Working Group meeting in early September. The trip to Boston is being envisioned for the MC&G Working Group in late September or early October.

6. To assist in providing background and enabling a better appreciation of MC&G matters, the DOD proposes to schedule for you and members of your staff as desired, an orientation briefing beginning with DIAMC and followed up by half day or one day visits to the main production activities of the DOD located at TOPOCOM, ACIC and NAVOCEANO. These briefings can be arranged on mutually acceptable dates beginning in approximately 2 weeks.

[REDACTED]
[REDACTED] COLONEL, USA
Chairman
COMIREX MC&G Working Group

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Page 4 of 4 pages
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